

# Converting Colors

Hex(829FE5)

Have a look what the booklet for  
Hex(829FE5) contains.

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# **Color**

**Hex(829FE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	829FE5
RGB	130, 159, 229
RGB Percent	51%, 62%, 90%
CMY	0.4902, 0.3765, 0.1020
CMYK	0.43, 0.31, 0.00, 0.10
HSL	222°, 66%, 70%
HSV	222°, 43%, 90%
XYZ	35.7469, 35.1992, 79.0388
YIQ	158.3090, -39.7540, 15.6220

# Conversions

## Conversions Part 2

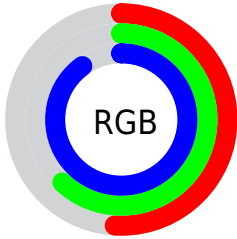
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 152, 229
Decimal	8560613
CIE Lab	65.90, 7.88, -38.53
CIE LCh	66, 39.330, 281.560
Yxy	35.1992, 0.2383, 0.2347
Android (android.graphics.Color)	4286750693 (0xFF829FE5)
YUV	158.3090, 34.8507, -24.8270
Hunter-Lab	59.3290, 3.7243, -37.4567

# Details

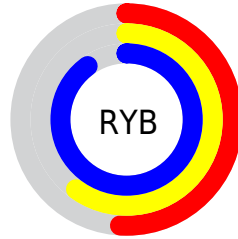
The Hex color **829FE5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E5C882**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BAD5FF**, and **4A6CAD** is the 20% darker color. If you saturate the color by 10%, you get **6B8FE5**, and if you desaturate by 10%, it is **99AFE5**.

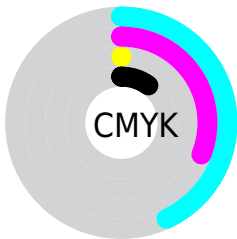
# Distribution



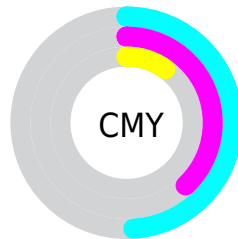
- Red (51%)
- Green (62%)
- Blue (90%)



- Red (51%)
- Yellow (60%)
- Blue (90%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)
- Black (10%)



- Cyan (49%)
- Magenta (38%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 829FE5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 829FE5 by changing the saturation by 10% instead.



 829FE5

 829FE5

FFFFFF

 6685C9

 BAD5FF

 4A6CAD

 D7F2FF

 2D5492

 F5FFFF

 013D78

 00285F

 001447

 000430

 00011A

 000000

■ 829FE5

■ 829FE5

■ 6B8FE5

■ 99AFE5

■ 547FE5

■ B0BFE5

■ 3D6EE5

■ C7D0E5

■ 265EE5

■ DEE0E5

■ 0F4EE5

■ F5F0E5

■ 0043E5

■ FFFFE5

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3DAAE2



829FE5



B592D5

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



829FE5



DE8B73



54B189

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



829FE5



E5C882

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83AC6A



829FE5



C9965D

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



829FE5



E48494



A9A25A



02B3AD

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



829FE5



CE8AC2



A9A25A



65B07D



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



829FE5



DEE8FF



82E5C7



6B7180



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



829FE5



7AA1FF



9682E5



676B73



0034B3



000F33



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E5829F



FF7AA1



D1E582



73676B



B30034

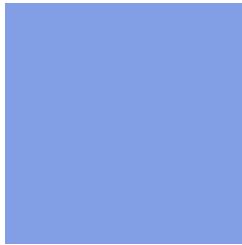


33000F



# Previews

## White Background



This preview shows how the Hex color 829FE5 looks on a white background.

## Color Contrast Check

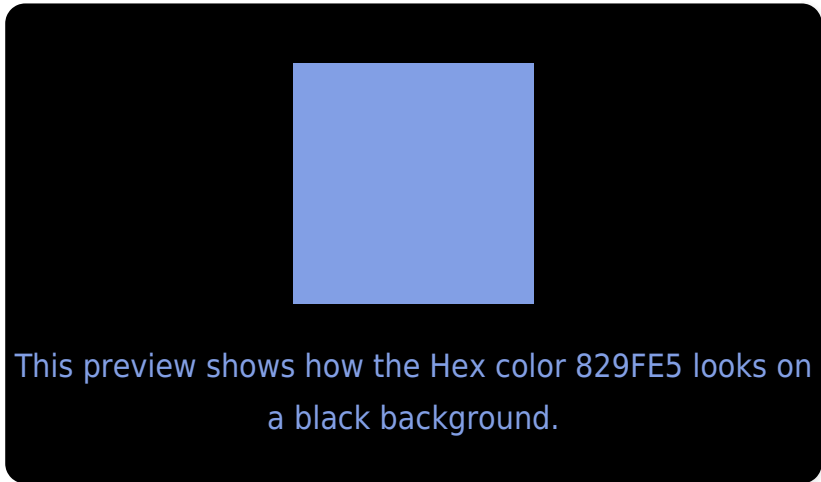
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

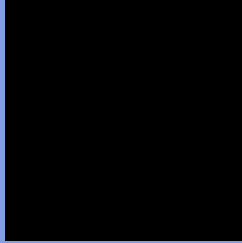
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

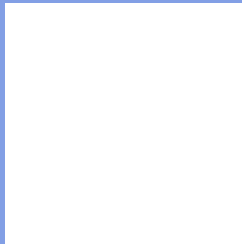
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 829FE5 Background



This preview shows how black text looks on a background with the Hex color 829FE5.



This preview shows how white text looks on a background with the Hex color 829FE5.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

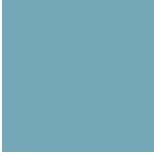
## Dichromacy



**Original Color**  
829FE5

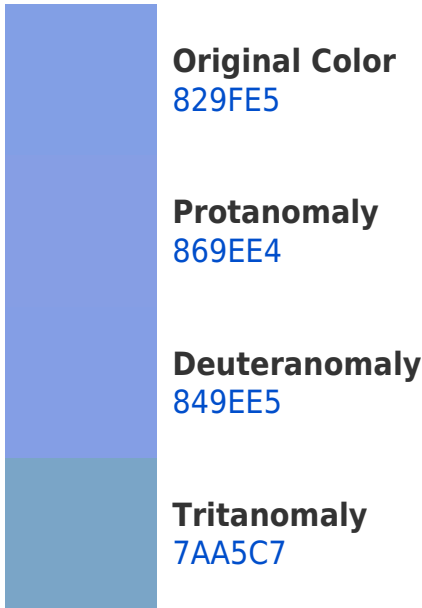
**Protanopia**  
899DE4

**Deuteranopia**  
859EE5

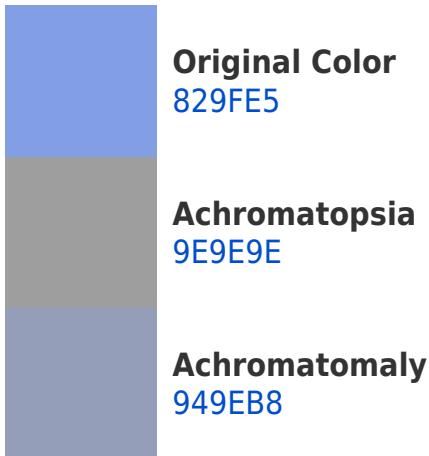


**Tritanopia**  
75A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 829FE5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #829FE5 looks like.

```
.text, #text, p{  
    color:#829FE5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #829FE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829FE5  
}
```

## Border

The CSS property to change the border of an element to Hex 829FE5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

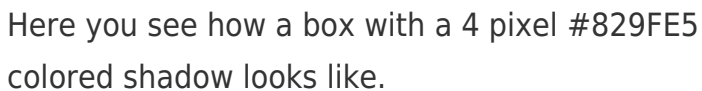
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#829FE5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#829FE5 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #829FE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829FE5; -webkit-box-shadow:4px 4px  
4px 4px #829FE5; box-shadow:4px 4px 4px  
4px #829FE5 }
```

# Background

The CSS property to change the background color of an element to Hex 829FE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829FE5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#829FE5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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